

REMARKS**Overview**

Claims 1-3, 5, 6, 8, 11-20, 35-40, and 42 are pending in this application. Claims 1, 6, 17, 35, and 43 have been amended. Claims 4, 7, 21-34, 41 and 45-47 have been cancelled. The present response is an earnest effort to place all claims in proper form for immediate allowance.

Allowable Subject Matter

The Examiner has indicated that claims 4, 7, 41, 43 and 45-47 contain allowable subject matter. Claim 4 has been cancelled and the limitations of claim 4 have been added to claim 1. Therefore, it is respectfully submitted that the Examiner should find claims 1-3 and 5 to be allowable.

Claim 7 has been cancelled and the limitations of claim 7 has been incorporated into claim 6. Therefore, the Applicants respectfully submit that the Examiner should find claims 6, 8, and 11-16 to be allowable as well.

Claim 41 has been cancelled and the limitations of claim 41 has been added to claim 35. Also, claim 43 has been amended to be consistent with what is now claim 35. The Applicants respectfully submit that claim 35-40, 42-44 should now all be allowed. Claims 45-47 have been cancelled as due to the amendment become redundant of other claims. Therefore, it is respectfully submitted that all these claims should also be allowed.

Issues Under 35 U.S.C. § 102

The Examiner has rejected claims 1, 2, 3, 5-6, 8, 11-16 under 35 U.S.C. § 102(b) as being anticipated by U. S. Patent No. 5,581,706 to Jessup Jr. et al. Due to the amendment to the claims, it is respectfully submitted that these rejections are now moot and should be withdrawn.

Claim 17, 20, 35, 38-40, 42 and 44 have been rejected under 35 U.S.C. § 102(e) as being

anticipated by U. S. Patent No. 6,049,806 to Crecine. Claim 17 has been amended to include the limitation of "wherein the steps of transmitting are performed using a time modulated ultra-wide band system." Crecine does not disclose this limitation. Therefore, it is respectfully submitted that this rejection to claim 17 should be withdrawn. As claims 18-20 depend from claim 17, it is respectfully submitted that these rejections should also be withdrawn. Claims 35, 38-40, 42 and 44 now depend from amended claim 35. As claim 35 now requires " wherein the steps of transmitting are performed using a time modulated ultra-wide band radio frequency transmissions", it is respectfully submitted that these rejections are now moot as well and should be withdrawn as Crecine does not disclose this limitation.

Issues Under 35 U.S.C. § 103

Claim 18 has been rejected under 35 U.S.C. § 103(a) as being unpatentable over U. S. Patent No. 6,049,806 to Crecine in view of "Data and Computer Communications" by William Stallings. Also, Claim 19 has been rejected under 35 U.S.C. § 103(a) as being unpatentable over Crecine in view of U. S. Patent No. 5,818,442 to Adamson. As neither Crecine, nor Stallings, nor Adamson disclose "wherein the steps of transmitting are performed using a time modulated ultra-wide band system", it is respectfully submitted that these rejections to claim 18 and 19 must also be withdrawn.

Claims 36 and 37 have been rejected under 35 U.S.C. § 103(a) as being unpatentable over Crecine in view of either Stallings or Adamson. As neither Crecine, nor Stallings, nor Adamson discloses the limitation of claim 35 of "wherein the steps of transmitting are performed using a time modulated ultra-wide band radio frequency transmissions", it is respectfully submitted that these rejections should also be withdrawn.

Conclusion

No fees or extensions of time are believed to be due in connection with this amendment; however, consider this a request for any extension inadvertently omitted, and charge any additional fees to Deposit Account No. 26-0084.

Reconsideration and allowance is respectfully requested.

Respectfully submitted,



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